GSA AUTOMOTIVE FACILITY FACT SHEET

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
KENNEDY SPACE CENTER
BREVARD COUNTY, FLORIDA

Location

The GSA Automotive Facility is situated on Kennedy Space Center (KSC). It is located on the southwest corner of the intersection of Third Street S.E. and B Avenue S.E. in the KSC Industrial Area.

History

The GSA Facility includes four numbered buildings that were constructed between 1966 and 1985 and four unnumbered structures that are used for support operations. The GSA Facility was used for vehicle service, maintenance, and fueling operations at KSC. Vehicle fueling operations were terminated at the site in 1999. A natural gas facility was constructed at the site in 1994.

The main facility, Building M6-688, consists of administrative offices and seven bays utilized for various types of maintenance activities. Building M6-689 was the Fuel Dispensing Facility, but it was decommissioned in 1999. The third numbered building, M6-687, was used exclusively for tire replacement and repair activities. The fourth numbered structure, M6-737, is a hazardous waste storage facility.

Automotive maintenance and repair operations were terminated at the GSA facility in October 2001, and the site is currently used for propellant refueling, storage, and testing operations.

An environmental investigation was conducted by NASA at nine potential release locations. NASA determined that soil in the southern unpaved parking area and sediments in the drainage swales are contaminated with polynuclear aromatic hydrocarbons (PAHs), and that the groundwater in the southeastern portion of the site is contaminated with volatile organic compounds (VOCs).

Sediment Excavation

To mitigate any human health risks associated with PAHs in the sediments, a site excavation has been chosen. The excavation will occur in the western drainage swale and will remove sediment that is 0-1 foot below land surface. Approximately 2,400 square feet of area will be removed (see Figure 1 on page 2). Each container of contaminated sediment will be weighed, manifested, and transported to the Okeechobee Landfill in Florida for disposal. The area that will be excavated will be flagged and taped off. Area workers (those who may access the site on a daily basis for a short period of time) will be informed of health and safety issues by the Space Gateway Support contractor.

Conclusion

The sediment that will be excavated at the GSA Automotive Facility will effectively remove the PAH contamination. To address the remaining soil and sediment contamination, a land use control will be implemented limiting the site to industrial uses. The groundwater contamination will be addressed as part of an adjacent facility investigation.

This Fact Sheet was written and produced by the NASA/KSC Environmental Program Office. All comments or questions can be made by calling (321) 867-8442 or by writing to the following address:

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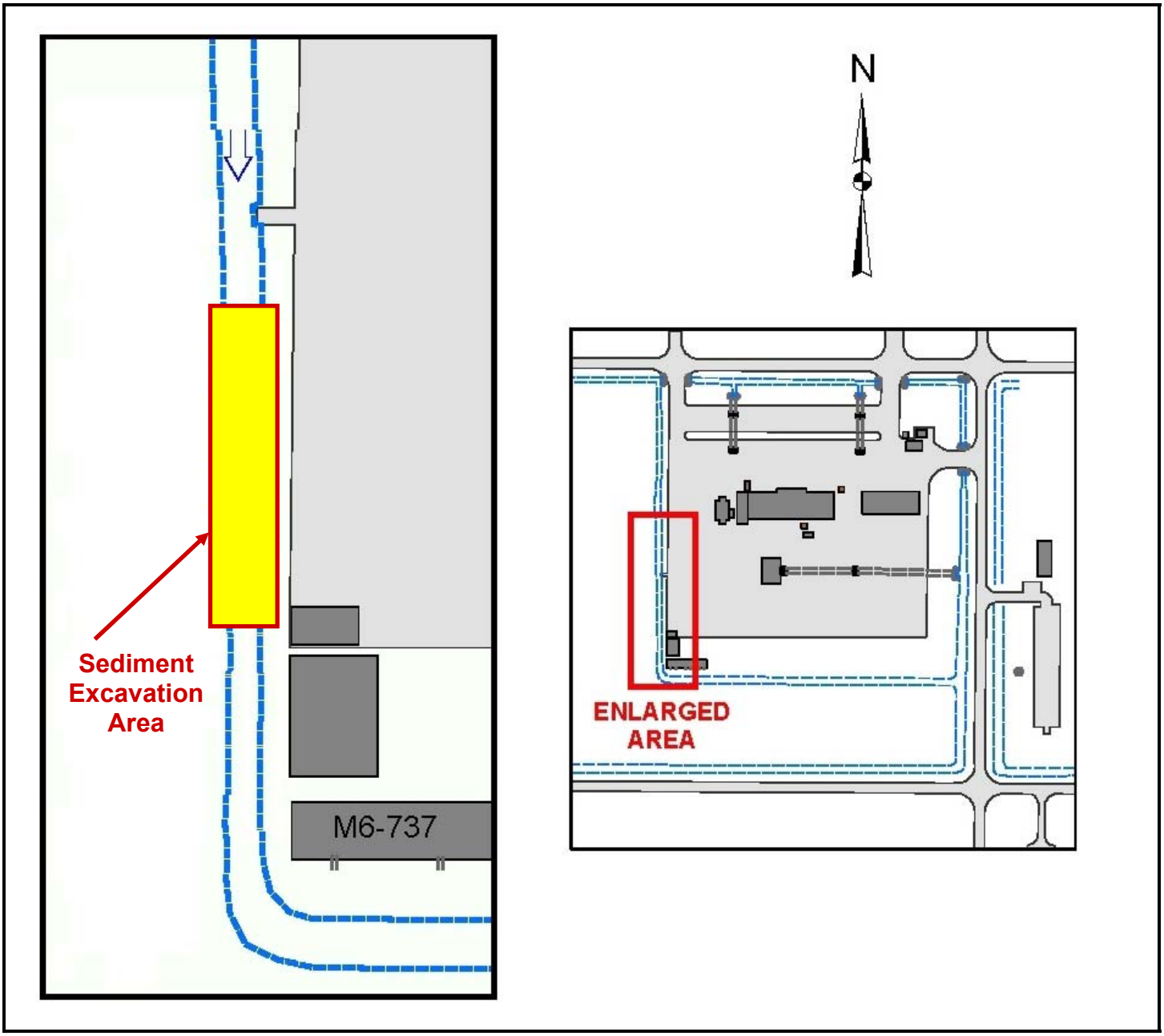

Figure 1. GSA Automotive Facility Sediment Excavation Area.